

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**

Docket No.
MIA-10004/36

In Re Application Of: Meisel

Serial No.
09/772,736

Filing Date
January 30, 2001

Examiner
Jeffrey Donels

Group Art Unit
2837

Invention: KEY ACTUATION SYSTEMS FOR KEYBOARD INSTRUMENTS

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

This is a combined amendment and petition under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the Office Action of August 28, 2002 in the above-identified application.

Date

The requested extension is as follows (check time period desired):

☒ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: November 28, 2002

Date

until: December 28, 2002

Date

A verified statement of small entity status as a small entity under 37 CFR 1.27:

☐ is enclosed.

☒ has already been filed in this application.

FAX RECEIVED

DEC 23 2002

TECHNOLOGY CENTER 2800

The fee for the amendment and extension of time has been calculated as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	24	24 =	0	x \$9.00	\$0.00
INDEP. CLAIMS	7	7 =	0	x \$42.00	\$0.00
FEE FOR AMENDMENT					\$0.00
FEE FOR EXTENSION OF TIME					\$55.00
TOTAL FEE FOR AMENDMENT AND EXTENSION OF TIME					\$55.00

**COMBINED AMENDMENT & PETITION FOR EXTENSION OF
TIME UNDER 37 CFR 1.136(a) (Small Entity)**Docket No.
MLA-10004/36

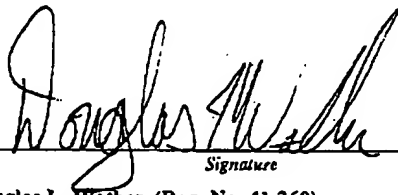
The fee for the amendment and extension of time is to be paid as follows:

- ☐ A check in the amount of \$55.00 for the amendment and extension of time is enclosed.
- ☒ Please charge Deposit Account No. _____ in the amount of \$55.00.
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. _____
A duplicate copy of this sheet is enclosed.

FAX RECEIVED

DEC 23 2002

TECHNOLOGY CENTER 2800


Signature

Dated: December 23, 2002

Douglas L. Wathen (Reg. No. 41,369)
Gifford, Krass, Groh, Sprinkle, Anderson
& Citkowski, P.C.
280 N. Old Woodward Ave., Ste. 400
Birmingham, Michigan 48009
(Tele) 734-913-9300
(Fax) 734-913-6007

I certify that this document and fee is being deposited
on 12/23/02 with the U.S. Postal Service as
first class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.

Signature of Person Mailing Correspondence

SUBMITTED VIA FACSIMILE

Typed or Printed Name of Person Mailing Correspondence

cc:

GIFFORD, KRASS, GROH, SPRINKLE,
ANDERSON & CITKOWSKI, P.C.
101 North Main St., Suite 800
Ann Arbor, Michigan 48104-1476

(734) 913-9300
FACSIMILE (734) 913-6007
dwathen@patlaw.com

FACSIMILE TRANSMISSION

DATE: December 23, 2002

FAX RECEIVED

TO: Examiner Jeffrey Donels
USPTO

DEC 23 2002
TECHNOLOGY CENTER 2800

FACSIMILE NO.: 703 308-7382

FROM: Douglas L. Wathen

PAGES TRANSMITTED (INCLUDING COVER SHEET): 16

ORIGINAL DOCUMENTS WILL _ WILL NOT X FOLLOW BY MAIL

RE: Applicant: David Meisel
U.S. patent application Serial No.: 09/772,736

MESSAGE:

Information contained in this facsimile may be PRIVILEGED and CONFIDENTIAL. It is intended only for the use of the person or entity named above. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is neither intended nor permissible. If this facsimile has been received in error, please notify us immediately (call collect) and return the facsimile to us.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

7/Ext. 10
 a/Contt.
 Response a
 1-2-03

In re application of: Meisel

Serial No.: 09/772,736

Group Art Unit: 2837

Filed: January 30, 2001

Examiner: Jeffrey Donels

For: KEY ACTUATION SYSTEMS FOR KEYBOARD INSTRUMENTS

FAX RECEIVED

DEC 23 2002

TECHNOLOGY CENTER 2800

AMENDMENT

Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed August 28, 2002, please amend the above-referenced application as follows:

CURRENT CLAIMS:

1. A key actuation system for a keyboard instrument of the type having a plurality of keys, each key having an upper surface and a lower surface and being pivotally supported above a key bed, each key further having a front end that is depressed by a player to play a note, the key bed extending under and spaced from the lower surface of the key, the actuation system comprising:
 an underlever disposed in the space between the lower surface of the key and the key bed and between the front end of the key and the pivotal support, the underlever having a first end that is supported in a stationary position relative to the key bed; a second end that is movable towards and away from the key bed, and a midportion therebetween, the second end of the underlever being in mechanical communication with the key such that movement of the second end of the underlever towards the key bed causes the key to move as if depressed by a player;

an actuator in mechanical communication with the underlever and operable to move the second end of the underlever towards the key bed.

01/02/2003 TD
 01 FC:2251

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & SUTKOWSKI, P.C., 280 N. OLD WOODWARD AVENUE, STE. 400, BIRMINGHAM, MICHIGAN 48009-5394 (246) 647-6000